



Published weekly for employees of Lawrence Livermore National Laboratory

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FROM THE DIRECTOR'S OFFICE

— BILL BOOKLESS



Environmental management

It has been a little more than a year since Director Michael Anastasio issued the Laboratory's Environmental Policy. In doing so, he reiterated his commitment that the Lab's workforce will continue to be responsible stewards of the environmental resources in our care.

For all of us, the Lab's policy provides a foundation for action as we:

- Pursue our work with diligent compliance to applicable environmental laws and regulations, and
- Incorporate pollution prevention, waste minimization and resource conservation into our work-planning and decision-making processes.

Announcement of the policy last July also was the initial step of an unfolding process to enhance the environmental component of our Integrated Safety Management System (ISMS). A central part of the environmental stew-

See **DIRECTOR'S OFFICE**, page 8

Annual salary review process will run through Nov. 14 with results in December pay

The salary review process is now under way and is scheduled to run through Nov. 14. Monthly paid employees (with the exception of those with salaries at the UC-DOE approval level) will see increases in their Dec. 1 paychecks.

Biweekly paid employees will see increases reflected in the paychecks they receive on Dec. 9.

As in prior years, the Compensation Increase Plan (CIP) proposal submitted to the University of California and the Department of Energy was based on a comparison of the Laboratory's average salaries against market averages for similar jobs as reported in market surveys.

Both UC and DOE review the Laboratory's CIP request. Final approval comes from DOE.

See **SALARIES**, page 8

HOME opened for disaster relief



JACQUELINE MCBRIDE/NEWSLINE

From left, Matt Nolan, Cindy Thomas, Darlene Klein and Bree Klotter of Biosciences collect donations in the Central Café. Dick Post writes a check for hurricane victims.

The Laboratory is reaching out to the victims of Hurricane Katrina, offering assistance in search, rescue and recovery, as well as humanitarian aid.

Three Laboratory employees are finishing up "tours of duty" by assisting in search and rescue and providing medical assistance (see related story).

On Tuesday, the Laboratory's campaign to Help Others More Effectively — HOME — got

off to an earlier than usual start at the request of employees who wanted to provide immediate aid to hurricane victims. This week volunteers at the cafeterias accepted onetime donations during the lunch hours, tallying more than \$30,000.

"We had employees who came in and wrote \$1,000 checks on the spot. That says a lot about the

See **HOME**, page 7

Employees assist disaster rescue effort

By Lynda Seaver

NEWSLINE STAFF WRITER

Members from the Laboratory's Hazards Control are getting a first-hand look at the horrors of Hurricane Katrina, and assisting in the effort to search for and rescue victims.

Two LLNL firefighters are part of a 14-member squad from different Alameda County fire departments rescuing stranded citizens from floodwaters in New Orleans. The firefighters, Capt. Arnie

See **RECOVERY**, page 7



Lab employee Ron Buckhout Sr. (left) and his son Brian Buckhout are part of a disaster medical assistance team sent to New Orleans.



Latest adventures
of itinerant
retirees

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Expanded
safety fare
Sept. 15

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Survey
telescope
funded

— Page 5



LAB COMMUNITY NEWS

Weekly Calendar

Technical Meeting Calendar, page 4

Tuesday
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Balancing Work and Family: Infant through Early School-Age Children Parenting Class resumes from noon to 1 p.m. in Bldg. 571, room

2000. The class meets on the second and fourth Tuesdays each month and is free and open to all Laboratory employees. While registration is not required, it is recommended. To register for either class, contact Carol Sandoli at sandoli1@llnl.gov or come to the first class session. See page 4 for more details.

Thursday
15

University Relations Program invites Laboratory scientists, researchers, post-docs and student employees to attend the Sixth

Annual SEGRF (Student Employee Graduate Research Fellowship) Poster Symposium. The program will be held at the West Cafeteria from 3–5 p.m. For more information, call Joanna Allen in the University Relations Program office at 3-9225.

...

The **Lab Safety Fair and Health Services Open House** takes place from 11 a.m.–1:30 p.m. at the Health Services, Bldg. 663 triage area. More than 60 exhibits and demonstrations on safety, health and environmental subjects will be available, as well as a classic rock/blues band and a food court. The event is sponsored by the Engineering, Laboratory Services, and Safety and Environmental Protection directorates. See page 3 for more details.

Up & Coming

Microcentury Toastmasters presents the **Fall 2005 Humorous Speech and Evaluation Contest** on Tuesday, Sept. 20, from 12:05–1 p.m. in Bldg. 151, room 1209, Stevenson room. Spend an enjoyable lunch hour listening to short (five- to seven-minute) humorous talks and speech evaluations, which are Toastmasters unique way of helping fellow members improve their speaking and presentation skills. For more information on Toastmasters, contact Jeff Morris, 2-0176.

RETIREES' CORNER

Alan Mode (NAI, 2000) wrote that school has just started and it's a good time for retirees (and employees) to consider volunteering at local schools. Alan has tutored students in the Barton Reading Program for three years as part of 65 volunteer tutors working with 80 students last year. The Barton Program (www.BartonReading.com) was designed to help students with dyslexia and other reading problems, and has been implemented in several local schools. To volunteer or get information on the Barton programs, contact Alan (925-462-5202) or Christina Clark (925-462-2240, christina.clark2@comcast.net). Christina is coordinator for the Program in the Pleasanton Unified School District and is helping other school districts implement the program. Alan says, "If you want to do something positive for the future, help a child learn to read today."



Astra Gabriel (Energy, 2002) visited Latvia, her former home, where people were sincere and hospitable. Latvia is beautiful with lush greenery and parks, an abundance of art in various forms, and Old Town Riga was marvelous with cobblestone streets, beautiful churches, cathedral, rivers, bridges, small shops, restaurants and street vendors.

Happy people scurrying among renovated buildings was in great contrast to the dreariness, rubble, barricades and empty streets just before the Iron Curtain fell. The seashore (Riviera of the Baltics) where the elite of Europe used to flock is coming back. (E-mail: astragabriel@comcast.net)

Frank Rogue (Electronics Engineering, 1990) has been visiting the Bay Area from his home in North Carolina. He came to

Livermore after attending his nephew's wedding in Hyannis, Mass. He came to see his brother in Hayward who is very ill in a nursing home. (E-mail address: froque@triad.rr.com)

Marianne (Computations, 1993) and **Barry, Green** are going to Hawaii in September to celebrate their 30th wedding anniversary. We will miss them at the Retiree Luncheon this month. Congratulations.

George (Computations, 1991) and **Sandy Bush** took a cruise to the Kamchatka peninsula of Russia's Western Siberia. The natural history tour on the Clipper Odyssey took daily shore trips on inflated Zodiac boats. Sandy enjoyed the flora and fauna; George, the geology. They saw many birds including the largest eagle on earth (Steller's Sea Eagle), Kamchatka brown bears, northern fur seal rookeries and sea otters. They saw some of the 27 active volcanoes and took a (Russian) helicopter ride to a geyser valley and were able to photograph the steaming maw of a volcano. George continues to dabble in instrumentation, and has set-up a three-axis seismometer station and is designing a sensitive tilt meter to measure tides. (E-mail: gbush@mcn.org)

The September Retiree luncheon will be at noon Wednesday, Sept. 21, at the Elks Lodge, 940 Larkspur Drive, Livermore. (Reservations: see Web page www.llnlretirees.org) Jane Callabresi, tax consultant in Livermore for 25 years, will speak on "Preparing for the Unexpected," including tax consequences of trusts.

Please send any input to Jane or Gus Olson. E-Mail: AugustO@aol.com or JaneRubert@aol.com. Phone: (925) 443-4349; address: 493 Joyce St., Livermore, 94550.

IN MEMORIAM

Joe Montano

Joe Montano died on Aug. 29 in Pleasanton. He was 66.

Montano was born in Los Angeles on Sept. 21, 1938 and spent his childhood in Rodeo, Calif. He moved to Livermore in 1964 and worked as a machinist at the Laboratory until his retirement in 1998. After his retirement, he moved to Groveland, where he lived for 3 1/2 years.

Montano was preceded in death by his wife of 20 years, Leslie Molitor, who died in 2004. He is survived by his sons, Bob Montano and his wife Eileen; Brick Montano and his wife Sarah; his

daughter Ember Foley and her husband Jim; his stepsons, Patrick Morgan and his wife Sissy, and Michael Morgan; stepdaughter Jill Molitor; brothers Ramon Montano; and Gilbert Montano and his wife Michelle; and eight grandchildren.

A memorial service will be held today (Sept. 9) at 1 p.m. at Trinity Baptist Church, 557 Olivina Ave., Livermore.

Newsline

Newsline is published weekly by the Public Affairs Office, Lawrence Livermore National Laboratory (LLNL), for Laboratory employees and retirees.

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LAB TV broadcasts

For information about Lab TV broadcasting and video production, contact LLTN, 3-3846.

Monday–Friday, Sept. 12–16

"Permit Process Awareness," and "Construction Safety Orientation at LLNL"
Plant Engineering continues its commitment to safety by broadcasting award winning Laboratory safety videos, created by Plant Engineering, to address the specific safety focus here at the Laboratory.

This program will appear on Lab TV Channel 2, 4 and 7 at 10 a.m., noon, 2, 4 and 8 p.m. and 4 a.m.

Grassroots collaboration offers expanded Safety Fair

The 2005 edition of the Safety Fair will be held from 11 a.m. to 1:30 p.m. Thursday, Sept. 15, in a new location near the Health Services Department and will feature a wider variety of exhibits than previous years.

“Safety fairs are one way of raising people’s consciousness, not only about safety but health and environment issues as well,” said Bill Bookless, associate director for the Lab’s Safety and Environmental Protection (SEP) Directorate. “However, the fair will offer more than consciousness-raising. It will provide us with solid information on how to better protect ourselves, and those around us, while at work. And it also will cover many aspects of health, safety, and environment concerns that we can apply when we are not on the job.”

For the first time, LLNL’s Grassroots Safety Collaboration is sponsoring the fair. Safety officers working with employees in various parts of the Lab have started the groups over the past several years. Now, the groups have banded together to enhance

their individual efforts.

Bookless is a strong supporter of the grassroots safety team approach. “We all are expected to know and follow the safety rules applicable to our jobs and where we work,” he said. “The grassroots teams are helping people to do this because they are made up of co-workers — people familiar with the day-to-day activities of specific Lab areas. Employees can confidently go to team members with issues because these people have a good idea of what works and what doesn’t. They understand that some rules might not be appropriate for an area and how, by working with their management, they might be changed to be more effective.”

The safety collaboration has brought a new dimension to the grassroots teams, according to Bookless. It allows the teams to learn from each other’s problems and successes, share ideas and help each other. The collaboration also is a resource to help new teams get started.

“Overall, the teams are an excellent example of employees taking responsibility for their own safe-

ty and that of the people they work with,” he said. “Taking such responsibility is an essential part of the Laboratory’s approach to safety. This is not to imply that the teams themselves will resolve all our safety issues. We still have to follow the principles of Integrated Safety Management, invoke the stop-work policy when necessary, be alert, make sure post-docs, vendors and visitors know the rules for the areas they are in, provide training, pay attention to lessons learned and take all the other steps needed to have a safe workplace. But the grassroots teams can contribute to all these steps and become integral to them. I would like to see more of them established.”

The safety collaboration asked to run this year’s fair because they see it as a way of bringing perspectives from their individual areas to a Lab-wide venue.

“The array of exhibits the safety collaboration has gathered, and the balance between health, safety, and environment topics, is impressive. I hope to see a lot of people there,” Bookless said.



The LLNL Safety Fair and Health Services Open House

Thursday, Sept. 15 — 11 a.m.–1:30 p.m.
Health Services, Bldg. 663 triage area and parking lot



The following descriptions of fair exhibits are keyed to booth numbers. A map showing booths, along with descriptions, is available on the SEP Website and will be available through *NewsOnLine* next week.

Welcome table: Pick up a canvas bag to carry your fair handouts and gifts.

Lunch for sale: The LLNL Grassroots Safety Collaboration will be selling lunches (\$5 Meal Deal, includes chips, drink and choice of grilled sandwich). Look for the food court; the TID “Free Lunch” band will entertain nearby.

Massage therapy: Get free massages as you discover how relaxation helps prevent work stress. Offered by Sandia National Laboratory (B24), Dawdy Chiropractic (B30), Blue Cross (B31).

1. Safety on the roadways: The California Highway Patrol will cover road safety, driving under the influence, plus offer a variety of give-away items.

2. Search and rescue demonstration: K-9 search and rescue teams from the Alameda County Sheriff’s Department will discuss how they respond to calls, search techniques, equipment they use and how search dogs are handled. Survival skills plus what parents can tell children to do if they get lost will be explained.

3. Keep your bike safe: Get a free bicycle safety check, courtesy of the Lab Cycletrons.

4. Be fire-safety wise: Lab firefighters will discuss work and home fire safety; a Lab fire engine and ambulance will be on display with paramedics on hand.

5. Drug alert: The Livermore Police Department’s DARE program — dare to resist drugs and violence — will be explained.

6., 50., 52., 53. Conserve gas — share a ride: Materials on existing vanpools at the Lab will be available, as well as information on the benefits or ridesharing (by Enterprise Rideshare program). The 511 Regional Rideshare Program (B50) is a free service that introduces commuters to people who live and work nearby, to carpool, vanpool or even bicycle to work together. Visitors will be able to sign up to find rideshare partners and to register for the free Alameda County Guaranteed Ride Home Program. Wheels bus transit service also will be described.

7. Grassroots corner: The LLNL Grassroots Safety Collaboration will explain how it hopes to enhance the Lab’s safety culture. Learn how to start a team in your work area.

8. Gang awareness: The Livermore School District will have information available about this important community subject.

9. Protective Force Division: Drug awareness display, plus information about officers’ duties and responsibilities for safety and security.

10. Bike helmet help: Bicycle safety, in particular the proper use of bike helmets, will be discussed in this Hazards Control Department exhibit.

11. Electrical and gas safety: PG&E displays focus on electrical and gas safety issues at home. A small exploding house is used in the gas demonstration.

12. Power tool safety: Plant Engineering people demonstrate tool safety for home woodworkers. A wall penetration display is included.

13. Ergonomics aids: Hands-on exhibit will show various safety and ergonomic-related products, including gloves, hand tools, handles, computer accessories, padding and matting.

14. Office and non-office ergonomics: The Hazards Control Ergonomics Group will demonstrate a variety ways to protect against ergo injuries. Special ergonomic giveaways will be available.

15. Telephone security: UTEL phone services will provide information about telephone security, as well as resources including telephones, accessories and head sets.

16. Safety with computers: The Computer Resource Center will display a variety of computer equipment.

17. Ergo awareness: IAP World Service Inc. will provide information about ergonomic awareness and the top OSHA reporting issues.

18. Safety magic: Entertaining and magical ways to improve safety awareness will be demonstrated.

19. Identity theft: Lab OPSEC people provide tips on how to protect your identity.

20. Hazardous materials non-profit organization: Information about Academy of Hazardous Materials Managers; giveaways.

21. Safety glasses: Vision screenings will be conducted, vision ergonomics discussed and safety glasses products and services demonstrated.

22. Radiation safety: Hazards Control demonstration, including examples of natural radiation.

23. Home and road safety: California Casualty will have information on home safety and highway accidents statistics.

24. Sandia Health Services: Free massages; healthy lifestyles materials; BP, heart monitor, fitness equipment demos.

25., 35. Healthy eating: Costco and Healthy Lifestyles Rx will focus on nutritious eating and offer recipes and samples.

26. Cancer prevention: Information about various forms of cancer and self-examinations; representatives of the American Cancer Society.

27. Combating toxins: ANG newspaper columnists will demonstrate and show examples of how environmental and nutritional behaviors create toxins in our bodies. Environmentally friendly carpets, cleaners, cosmetics will be shown.

28. Recreation and fitness activities: Learn more about the many activities offered through LLESA, the Lab’s employee services association.

29. Employee Assistance Program: Laboratory resources for coping with personal and work-related stress.

30. Posture screening; massage: Glenn Dawdy Chiropractic will offer massages, blood pressure checks, posture screening.

31. Massages: Blue Cross will offer free massages.

32. Dental health: Printed materials on dental health, quiz board, games, giveaways presented by Delta Dental.

33. Learn your body mass index: HealthNet representatives will determine your body composition and body mass index. General health information will be available.

34. Blood pressure check: Kaiser nurses will perform blood pressure checks and answer health questions.

36. Healthy skin: Kaiser dermatologists will be on hand to discuss skin care, proper use of cosmetics, sun concerns.

38. Dealing with loss: Hope Hospice will provide resource materials for managing loss.

39. Healthy mind and body: Health Services will present information about emotional well being and nutrition, including new food pyramid materials.

40. Stay healthy while traveling: Precautions to take while preparing for a trip and while traveling, as explained by Health Services people.

41. Return to Work: The LLNL program for helping people return to work safely after and injury or illness.

42. General health: Omega Chiropractic will offer general health information and determine body composition and body mass index.

43. Cholesterol tests: Free tests by PacifiCare representatives.

44. Water conservation: The Zone 7 Water Agency will cover water reclamation and conservation.

45. Friends of the Arroyo: Success in restoring steelhead trout in the Livermore-Amador Valley will be explained; displays from the Granada Native Gardens will be shown and information on how to put in one’s own native plant garden will be available.

46. Handling household wastes: Experts from the City of Livermore give tips on how to properly get rid of hazardous household and electronic waste.

47. Emergency services: The Alameda County Sheriff’s Office of Homeland Security & Emergency Services will have information on earthquake preparedness and handouts regarding all hazards, and disaster preparedness for families and homes.

48. Pollution control: The City of Livermore Water Resources Division will educate visitors about the environmental and health affects of storm water pollution and the benefits of pollution prevention.

49. Wildlife awareness: The Lab’s Environmental Protection Department will offer information about wildlife awareness and related safety concerns.

51. Environmental outreach: US EPA Region 9 will have educational materials on its air, water and waste programs, including items for young people such as puzzles, activities and coloring books.

54. Valley Care Health Library: Information will be presented regarding health maintenance and illness prevention.



NEWS YOU CAN USE

BRIEFLY

New traffic barrier to restrict vehicle traffic

A new traffic barrier located south of Bldg. 432 is being installed to reduce hazards associated with construction activities on the Bldg. 431 demolition project.

The traffic barrier will restrict vehicle traffic around the south side of Bldg. 432. The barrier will consist of metal railings attached to heavy metal base-plates that may be removed for emergency requirements or programmatic transfer of equipment. The barrier is expected to be in place for the duration of the project, approximately 10 months. Alternate access to the Bldg. 432 area is available via Avenue H and Third Street.

A new pedestrian crosswalk will be painted on the roadway directly east of the ETA-II entrance to facilitate safe pedestrian traffic to the area south and east of Bldg. 432. All pedestrians and bicyclists are reminded to avoid the construction area between Buildings 431 and 432 and use the crosswalk whenever possible.

Road improvements around Central Cafeteria

Improvements to the Central Cafeteria access road and paving adjacent to the Trailer 4725-4729 complex are planned for Sept. 12–30. Routes to and around areas near the library, the central cafeteria and adjacent trailers will be affected.

Library Drive will be closed to pedestrian traffic and open to vehicular traffic; the roadway will be reduced to a single lane. Watch for “road closed” and “bike path closed” signs and take special care to drive safely while construction is in progress. Observe all traffic warning signs, barricade lines and the posted speed limit.

For further information, call the Plant Engineering Construction Manager, Steven Shih, 3-0308, or Michael T. Martin, 525-4296. The subcontractor performing the work is Silicon Valley Paving, Inc.

Temporary road closure and traffic delays

Due to the construction of the new Bldg. 583

located southwest of NIF Bldg. 581 and concerns for safety, the segment of North Inner Loop between Avenue N and the Cafeteria Drive/E-8 parking lot driveways will be temporarily closed to thru-traffic from Sept. 12-15.

Throughout each day, traffic in this area of North Inner Loop will be controlled by the construction subcontractor's flagger personnel and barricades. Although the roadway will be closed to thru-traffic only during the operation of the crane and erection of the building panels, the roadway could be closed for extended periods of time during each day to safely accommodate the work. Even when the roadway is open, motorists should expect delays due to deliveries of building panels and plan their trips accordingly.

It is recommended that thru-traffic avoid this area during these days and detour around the area using West Inner Loop, Avenue N and Outer Loop. Local traffic may still access adjacent parking lots and facilities in the neighborhood in advance of approaches to the work area. Pedestrians and bicyclists also will be re-directed across North Inner Loop to avoid construction activities in the area. Questions or concerns should be directed to the LLNL Construction Manager, Tim Kemper, 2-5100, or the LLNL Project Manager, Danny Nguyen, 2-4883.

Balancing work and family: parenting classes

The infant through early school-age children parenting class resumes on Tuesday, Sept. 13, and the new “tween” and teenage children class begins Sept. 20. Classes are free and open to all Laboratory employees. While registration is not required, it is recommended. To register for either class, contact Carol Sandoli at sandoli1@llnl.gov or come to the first class session.

Balancing Work and Family: Infant through Early School-Age Children Parenting Class, 2nd and 4th Tuesdays, Sept. 13 - June 13, noon to 1 p.m., Bldg. 571, room 2000.

New: Balancing Work and Family: “Tween” and Teenage Children Parenting Class, 1st and 3rd Tuesdays, Sept. 20 - June 27, noon to 1 p.m., Bldg. 571, room 2000.

Class discussions are facilitated by Ruth Gasten, local parenting educator with more than 30 years of experience. Class sessions include information presented by Gaston on topics chosen by the class participants and open discussion of issues/problems currently affecting parents. The group shares experiences and resources to help one another become more effective parents. Classes are equally attended by moms and dads. Just bring a brown bag lunch and come join the lively and informative discus-

sions. Sponsored by the Work-Life Center. For more information, call the Work-Life Center, 2-9543.

Library to host daughter of Nobel Prize Winner

The Livermore Public Library will host author Michelle Feynman, daughter of Nobel Prize winning physicist Richard Feynman, on Sunday, Sept. 25, at 2 p.m. Feynman will discuss her latest book, “Perfectly Reasonable Deviations from the Beaten Track,” a collection of letters spanning more than 40 years about her father that offer a look at the scientist who played an important role in the development of the atomic bomb during World War II. For more information, contact Joyce Nevins at (925) 373-5500, ext. 5583. The program is made possible by a donation from the “Friends of the Livermore Library.”

“Doctor Atomic” coming to SF Opera

LLNL and San Francisco Opera invite Lab employees to selected performances of the world premiere of “Doctor Atomic,” an opera based on the events that took place in the summer of 1945 — including the first test of the atom bomb, its use on Hiroshima and Nagasaki and the end of World War II.

Celebrate the World Year of Physics. Join your colleagues and be among the first people in the world to experience the premiere in the historic War Memorial Opera House in San Francisco.

Select from the following dates: Wednesday, Oct. 5; Friday, Oct. 7; Tuesday, Oct. 11; Friday, Oct. 14; Sunday, Oct. 16; Tuesday, Oct. 18; Thursday, Oct. 20; Saturday, Oct. 22. Fifty-five minutes prior to the performance, there will be a free opera talk with discussions of the music, history and behind-the-scenes background of the production.

San Francisco Opera is offering Lab employees a special 20 percent off the regular ticket price. The offer is available online only and expires seven days before each performance. The offer is subject to availability. To purchase tickets, go to sfopera.com/offer and enter offer code LLNL.

Find out more about “Doctor Atomic,” including advance program notes and audio clips at www.doctor-atomic.com or San Francisco Opera's Website at www.sfopera.com.

Technical Meeting Calendar

Friday
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INSTITUTE FOR GEOPHYSICS & PLANETARY PHYSICS

“The QUaD CMB Polarization Experiment,” by Sarah Church, Stanford University. Noon, Bldg. 219, room 163. Property

protection area. Foreign national temporary escorted building access procedures apply. Contact: Wil van Breugel, 2-7195, or Lisa Lopez, 3-0250.

LIVERMORE PROJECTS COMMITTEE

“Annual Assessment Review,” Overview — Richard Ward, LLNL; W87 — Bert Jorgensen, LLNL/Cheryl Lari; SNL, W62 — Peggy Olsen, LLNL/Mark McConkie, SNL; W80 — Derek Wapman, LLNL/Mark McConkie, SNL; B83 — Thomas Shepard, LLNL/Mike DeVay, SNL; W84 — Ron Streit, LLNL/Ed Talbot, SNL. 8:45 a.m. –11:30 a.m., Bldg. 132 auditorium. Refreshments served at 8:45 a.m. All attendees must have a SP access card or obtain special approval to attend any LPC meeting. For LLNL, contact Barbara Sherohman, 3-6379 with any SP access questions. For SNL, contact Ann Stayton at 294-2582 with any SP access questions. Property protection area. No temporary building access for foreign nation-

als. Contact: Scott Couture, 3-4100, or Frances Mendieta, 3-7825.

Monday
12

CHEMISTRY AND MATERIALS SCIENCE

“The Study of Microbial Development Measuring Morphological and Metabolic

Changes at the Single Cell Level,” by Herb Tobias, Aerosol Sciences Group, CBN Division. 2 p.m., Bldg. 151, room 1209, Stevenson Room.

Property protection area. Foreign national temporary escorted building access procedures apply. Contact: Ted Tarasow, 3-7241, or Kathy Ricard, 3-8024.

Thursday
15

CENTER FOR APPLICATIONS DEVELOPMENT & SOFTWARE ENGINEERING (CADSE) / INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH (ISCR)

“Developing a Collaborative Development Environment with SourceForge Enterprise Edition,” by Chuck Baldwin, LLNL/CADSE. 10 a.m., Bldg. 453, room 1001, Armadillo Room. Property protection area. Foreign national temporary escorted building access procedures apply. Contact: Chuck Baldwin, 3-0670, or Erica Dannenberg, 3-2167.

CENTER FOR APPLIED SCIENTIFIC COMPUTING (CASC) / INSTITUTE FOR SCIENTIFIC COMPUTING RESEARCH (ISCR)

“Towards a Next Generation Climate Model,” by Nikolaos Nikiforakis, University of Cambridge, UK. 10 a.m., Bldg. 451, room 1025. White Room. For more information, go to <http://www.llnl.gov/casc/calendar.shtml>. Property protection area. Foreign national temporary escorted building access procedures apply. Contact: Bill Henshaw (CASC), 3-2697, or Erica Dannenberg, 3-2167.

Friday
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INSTITUTE FOR GEOPHYSICS AND PLANETARY PHYSICS

“Dynamics of Giant Planet Atmospheres,” by Andy Ingersoll, California Institute of Technology.

Noon, Bldg. 219, room 163. Property protection area. Foreign national temporary escorted building access procedures apply. Contact: Wil van Breugel, 2-7195, or Lisa Lopez, 3-0250.

The deadline for the next Technical Meeting Calendar is noon Wednesday.



AROUND THE LAB

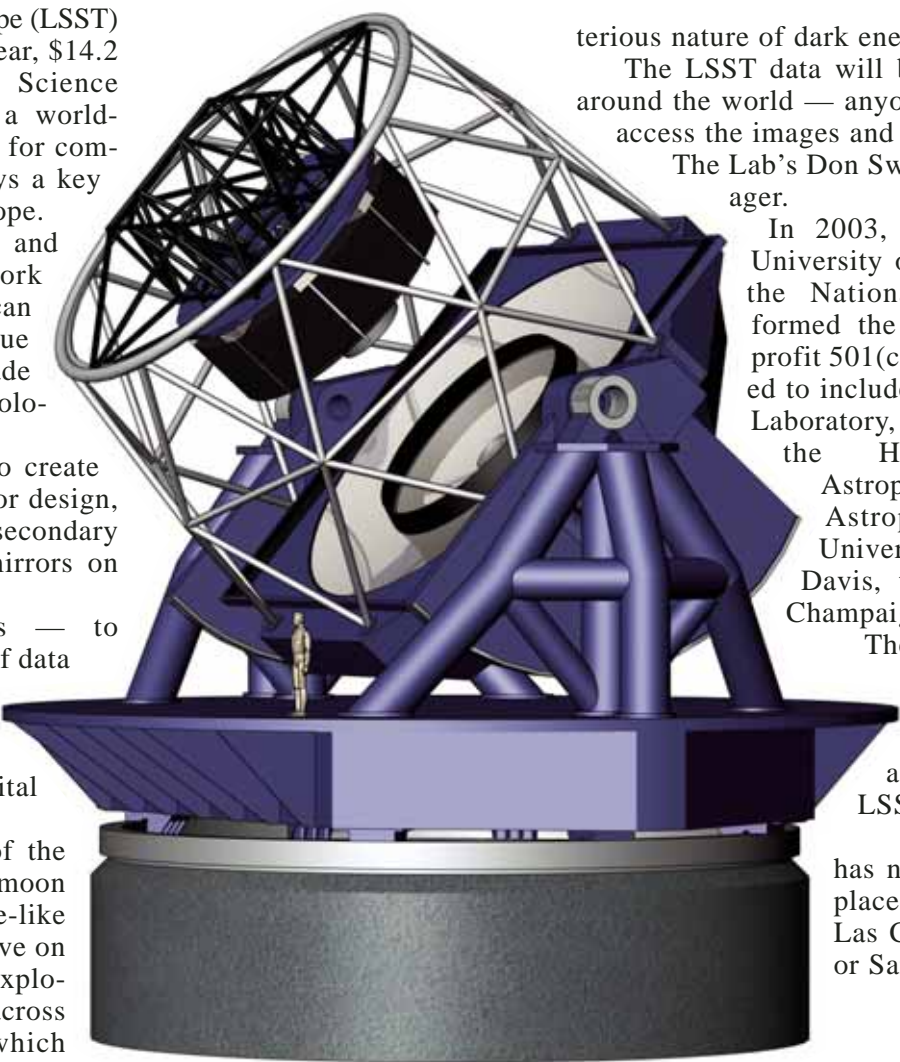
Large Synoptic Survey Telescope awarded funding by NSF

The Large Synoptic Survey Telescope (LSST) has received the first year of a four-year, \$14.2 million award from the National Science Foundation to design and develop a world-class, 8.4-meter telescope, scheduled for completion in 2012. The Laboratory plays a key role in the development of the telescope.

This award will allow engineers and scientists to complete design work already under way so that the LSST can begin construction in 2009. This unique system for surveying the sky is made possible by advances in several technologies, including:

- Large optics fabrication — to create the telescope’s distinctive three-mirror design, which includes a convex four-meter secondary mirror, the size of many primary mirrors on today’s large research telescopes.
- Data management systems — to process and catalog the 30 terabytes of data generated nightly, the equivalent of 7,000 DVDs.
- New detectors — needed to build the LSST’s 3 billion pixel digital camera, the largest ever created.

The LSST will image an area of the sky roughly 50 times that of the full moon every 15 seconds, opening a movie-like window on objects that change or move on rapid time scales — supernovae explosions, which can be seen halfway across the universe; nearby asteroids, which might potentially strike Earth; and faint objects in the outer solar system, far beyond Pluto. Using the light-bending gravity of dark matter, the LSST will chart the history of the expansion of the universe and probe the mys-



terious nature of dark energy. The LSST data will be “open” to the public and scientists around the world — anyone with a Web browser will be able to access the images and other data produced by the LSST. The Lab’s Don Sweeney serves as the LSST project manager.

In 2003, the University of Washington, the University of Arizona, Research Corporation, and the National Optical Astronomy Observatory formed the LSST Corporation (LSSTC), a non-profit 501(c)3 in Arizona. Membership has expanded to include the Laboratory, Brookhaven National Laboratory, Stanford Linear Accelerator Center, the Harvard-Smithsonian Center for Astrophysics, the Kavli Institute for Particle Astrophysics and Cosmology, Stanford University, the University of California at Davis, the University of Illinois at Urbana-Champaign and Johns Hopkins University.

The LSST Corporation awarded a \$2.3 million contract to the University of Arizona Steward Observatory Mirror Lab in January to purchase the glass and begin engineering work for the LSST’s 8.4-meter diameter main mirror.

Although the final site for the LSST has not been decided, the telescope will be placed in one of three candidate locations — Las Campanas, Chile; Cerro Pachon, Chile; or San Pedro Martir, Baja California.

This rendering shows the design of LSST Telescope, current as of Aug. 2004. The optical design for the LSST employs three aspheric mirrors, which feed a 3-element correcting camera resulting in a 10-square-degree field of view covering a 64-cm diameter flat focal plane. The primary and tertiary mirrors are both concave. The mount of the LSST offers unique design challenges driven by requirements for fast slew and settle time, tracking accuracy, and tight alignment tolerances.



PHOTOS BY JACQUELINE MCBRIDE/NEWSLINE

Above: Fowzia Zaka (left) shares Afghan cultural items with Floralei Eckert (center) and Arleen Allsup at “Around the World @ Noon” held last week on the NIF lawn area. In addition, docents from local museums were on hand to showcase exhibits and answer questions. The event, sponsored by the Work-Life Center in conjunction with LLNL Employee Networking Groups, celebrates culture and community. Right: Music fills the air as the group Bolero Y Más performs Latin and Cuban jazz on the lawn.

Celebrating culture and community ‘around the world’





CLASSIFIED ADS

See complete classified ad listings at

<https://www-ais.llnl.gov/newsline/ads/>

AUTOMOBILES

2000 - Nissan Xterra, 79,500 miles, original owner, excellent condition, many extras, call for details, in Tracy, \$11,500, 408-219-7125

1997 - Saturn SL 4-dr Sedan, 183k freeway miles, good condition, 38 mpg commuting, \$1600/OBO 209-892-5159

1985 - Ford Bronco II, 4x4, 5 spd, trailer hitch, good condition and being used every day. Currently smogged, \$800 obo 925-443-3003

2000 - Silver Dodge Neon ES 104k mi 5sp M/T. Power windows/mirror/door. CC, keyless entry, 4-disc changer, smogged. \$3900 209-640-7434

1994 - Jeep Grand Cherokee 4WD, 6cyl, red, new trans, 156k, no smog rqrd. \$3000 OBO 925-243-0646

1998 - Chevy Metro LSI 4 doors, auto, 131 k mi, AM/FM, CD, premium sound, AC. excellent on gas! good looking/running! \$2700 925-447-0991

2001 - VW Beetle,40K miles, manual, a/c, power windows, cc,heated seats, alarm, keyless entry, gets 33MPG,under warranty, great com-muter! 209-321-1506

1986 - Mazda B2000 pickup, 117 K miles, good running condition. \$450. 925-447-9606

1996 - Audi A4 Quattro, 2.8 litre V6, leather, A/C climate, alarm, 6 CD + AM/FM/cas, sunroof, new all-season tires, original owner, beautiful, \$7800 OBO. 925-245-9904

2002 - Ford Windstar, 7 passenger, AC f/r, privacy glass, all pwr. new tires and wheels etc., exc. cond. mi.59K, \$7800, cell (707) 425-5313

1997 - Ford Escort 5-speed manual, 50k miles, \$2,775 o.b.o. Very good cond., AC, cruise control, AM-FM. 925-455-1437

2005 - Chrysler 300C Hemi - Only 5900 miles. Leather heated seats, plus more options. Midnight blue. Great price: \$31,500 925-513-3177

1996 - White VW Jetta GL. 4-door, 5-speed, ac/heater, 120k miles. Need to sell. Asking \$1600, blue book's for \$2600. 209-839-9010

2000 - Cadillac Deville, 73,500 mi, white diamond, 21.5 mpg min reg gas, \$12,500. cell 209-747-8594. 209-931-1705

1997 - Volvo 850 GLT 1997, black, 130k miles, good condition, leather, sunroof, spoiler, automatic, CD changer, power seats, etc. Asking \$4600. 607-342-3161

1996 - Chevy Astro Van (seats 8), well maintained, with 122K miles, new starter, new tires and A/C asking \$3,800 925-373-3265

1995 - BMW 740iL, very clean. All options, including parking distance control and window shades. Kelly Blue value private party is \$8400; must move, \$6500 925-831-1833

1993 - Ford Probe, mechanics special, runs well but won't pass smog. Sold as is. \$500 or best offer 209-401-0921

1979 - Mercedes 450SL, 128K miles. Hard top and soft top. Car is in excel-lent condition. Auto, V8 engine. Gold/tan interior. \$9300 209-538-1568

1999 - Dodge Durango, SLT, 4WD, 3rd seat, V8 5.2L, alloys, Rf rack, ABS, AC, PL, PS, 85K miles 209-836-9082

AUTOMOBILE ACCESSORIES

Tires, wheels, 205x75xR14 tires mounted on Mercedes aluminum 6-1/2 inch Jx14H2 rims. Fit 1984 and earlier Mercedes. \$150 buys all five. 925-443-3003

Pair of highback bucket seats, manual, gray, gc, from 199? Comaro. \$100.00/BO. 209-835-6261

Sahara camper shell, white, tinted glass, locking back, fits short bed Chevy. \$125 209-914-6937

Cooler/warmer, plugs into any vehicle 12 volt DC power outlet. New in unopened box. Paid \$32. \$20 925-648-0671

BOATS

Inflatable alligator-shape pedal boat. 84 inch length x 18 inch height x 30 inch width and repair patch. Paid \$27. New in box. \$15 925-648-0671

2001 Ebbtide Mystique 2100. Boating magazine runabout of the year 2000. Volvo 5.0 many extras \$17,000 925-443-1343

ELECTRONIC EQUIPMENT

Microwave oven, approx 1980, large cooking volume 8x12x15 inches, dual heating feature. \$15 obo 925-443-3003

Black & Decker convection heater, auto shut off, 2 heat settings, 25-inch-long x 17-inch-high. Paid \$40 plus tax. New in unopened box. \$25 925-648-0671

Nice starter stereo equipment. Akai stereo cassette deck \$50.00, Sony AM FM stereo receiver, \$50.00. Excellent condition. Can bring to work. 510-537-7222

New palmsize hi-res videocamera/dig camera/MP3 player. Record on SD memory card, play-back on TV/computer. Sacrifice \$289. 415-543-3643

Bose 301 speakers. 150 watts per channel. Like new. \$140. 925-456-3462

2003 Mitsubishi Television. 65 inch, HDTV. Top of the Line. New \$7,490, asking \$2,850. Perfect con-dition. 925-846-0505

GIVEAWAY

Lawnmower. 3.75 HP Tecumseh MTD yard machine. Missing bag and needs new handle, but engine and every-thing else works fine. 925-449-4003

Solid wood, white crib, with matress, used once. 3 mirrors, 2 of them about 4X3, the other about 6X3, no frames. You pick up in Tracy. 209-839-9010

HOUSEHOLD

Sofas: LaZBoy Q sleeper and loveseat recliner set. Plush dk blue and both in very good cond. \$450/set. 209-833-1201

French Provencal desk, 44-inch x 16.5-inch x 30-inch. Chair included. \$50 OBO. 510-483-1666

Sealy queen-sized mattress and box spring, continuously sealed in mattress bag during its minimal use. \$300 925-443-2245

NEW tan sofa and love seat. Must see! \$800 OBO. 925-373-7575

Disney Princess castle play home. Includes flap door, inflatable cushion, rods. Easy assembly, machine wash. Paid \$80 plus tax. New in box. \$50 925-648-0671

Box of canning jars, clean and various sizes. If interested, will bring to work. 510-537-7222

Four wooden (red) patio stools, \$20. 925-249-1786

OAK bedroom set: King headboard with lighted bridge, side cabinet, sepa-rate dresser, king mattress, box springs, frame, good shape, \$500. 209-839-8802

Queen bed set = frame/springs/mat-tress with linens and pillows. Used only for occasional guests past two years. Moving. Asking \$150 OBO. 925-449-4003

Loft bed set - black tubular frame, sin-gle bed, with white formica tilttable desk and shelves underneath. Ex

cond. Great for younger student. \$100 925-443-1074

Solid oak formal dining room table with 6 upholstered chairs; 2 years old; in excellent condition; getting married - have 2 of everything. \$1,000.00 925-846-3278

Dryer. Westinghouse, white, electric, large capacity, good condition! \$45 925-381-7961

Wegner airless power painter, Model 500, with accessories. Well used and abused, needs clean out and rebuild. Make an offer. 925-462-5081

Solid teak table with six upholstered chairs - \$200. Table is 3X5 ft., expands to 3X8 ft w. leaves. 925-634-0649

Queen size beautiful dark wood head-board, \$30.00 209-599-3994

1960s dresser & mirror. Recently refin-ished. Cherry veneer. Great retro look. \$125. 925-456-3462

Crib w/mattress - solid natural maple. Best offer. 925-447-1954

Circular glass kitchen table with 4 chairs. Good condition/two years new. \$100.00, you pick up. 925-513-0927

5 piece twin bedroom set white/wash, head/foot board, mattresses, dresser w/mirror, computer desk, night stand, like new \$600. 209-599-1955

Furniture - Hope chest (\$100), 5 draw-er chest (\$200), white/wash country style like new. 209-599-1955

baby crib without mattress, \$130, Simmons brand, no particle board, light weight. 925-371-6842

LOST & FOUND

Lost - pink cameo earring on 8/25 maybe between Bldgs. 111 and 543. 925-447-1954

MISCELLANEOUS

HUGE Garage Sale. Sat & Sun, 9/10-9/11. Clothes, toys, sofa/loveseat, furniture, china dishes, and more. 1651 Gladiolus Court, Livermore. 925-373-7575

Intex pool, 8-feet-x-30-inches, with filter pump. Easy set-up, ready for water in ten minutes with video. Paid \$50 plus tax. New in unopened box. \$30 925-648-0671

Industrial jig saw, good for detail. Hardly used. Excellent quality, heavy-duty. If interested, will bring to work. \$50.00. 510-537-7222

Snugli: Over-the-shoulder comfort model. Clean. \$15. 925-249-1786

OAK A's Tickets for Fri., 9/23 7:05 p.m., vs Texas Rangers, fireworks game, MVP 3rd baseline Sec. 125/Row 13/Seats 1&2, \$30/ticket 925-449-5481

4-ft-x-8-ft collapsible trailer, \$200. 925-240-0794

Tickets for Sale! Neil Diamond, Sat, 9/24, 8 p.m. @ HP Pavilion, SJ, 2 tix. Good seats: sec 109 row 21 seats 12,13 - \$75.00 each. pls lv mess. 209-601-5770

Medical lift recliner, 4 mos old, \$450.00. Please call after 6:30 p.m. 209-664-0354

Schwinn recumbent exercise bike. Model 210p. Great bike, great condition. \$550 new, asking \$225. 925-456-3462

Rolling Stones Concert tickets! November 13. Club Level Seats, sec-tion 218 (behind home plate), seats G9&10. Face value! \$182.15 each. 925-828-6210

MOTORCYCLES

2002 - BMW K1200RS, 113K mi, warranty to 2007, excellent condi-tion, \$5300, cell 209-747-8594. 209-931-1705

MUSIC INSTRUMENTS

Suzuki violin, 1/4 size, wolf violin headrest (1/2 size), like new \$250. 415-543-3643

Snare drum. Mapex, 5.5x13, black panther, phosphor bronze. Shell is custom powder coated in pewter/black vein. Like new! \$175 925-980-7532

PETS & SUPPLIES

Two female rats, 4 months old. Tame, great with kids. Nice cage and extras included. \$25.00 925-754-6390

Furrari Douglas giant dog crate, 40x30x30 inches. Lightly used for only six weeks, like new \$70 925-443-2245

Spayed Siberian husky, 5 years old, free to good home. 209-836-5784

Lizard cages - 1 large wood/plastic/mesh on wheels & 1 glass 30 or 40 gallon. Best offer. 925-447-1954

RECREATION EQUIPMENT

35-HP electric start outboard, Evinrude with propeller, shift and throttle cables, key and gas can. \$350 takes all. 925-516-2570

Paddle boat, good condition blue and white. \$80.00 925-754-6390

Sunshade, Eddie Bauer deluxe. 14-feet-x-14-feet. Includes fiberglass frame w/ stakes, ropes & carry bag. Paid \$60 plus tax. New in unopened box. \$35 925-648-0671

Unused, perfect condition, Wilson Deep Red #1 driver, engraved with LLNL, \$200 obo, 925-895-5112

For Sale : FOOSBALL table by Harvard. Beautiful wood table in excellent condition. Must see! Asking price is \$275.00 or best offer. 925-234-2032

RIDESHARING

Express your commute, call 2-RIDE for more information or visit <http://www-r.llnl.gov/tsmp>.

Modesto - Looking to start or join a carpool from Modesto. Work hours 6-2:30. Pager: 03914. 209-818-4454, ext. 0-3914

Walnut Creek - Vanpool seeks 4th/5th rider. Leaves Rudgear park-n-ride at 7:20. Lab hours 8:00-4:45. 925-946-9796, ext. 3-4842

El Cerrito - Berkeley Vanpool has openings for full time or casual riders. M-F 7:45 am to 4:30 pm work sched-ule. 510-524-5769, ext. 3-7995

San Jose/Fremont - 14 passenger van needs riders. Leaves San Jose/Berryessa 6:40; arrives LLNL 7:30; leaves LLNL 4:30. Very reliable. 408-238-1909, ext. 3-3057

Orinda - Lamorinda carpool(no smok-ing) seeks 4th rider/driver. Carpool meets near St. Stephens and Hghy 24. Lab hours 8am-4:45pm. 925-253-0498, ext. 2-9823

Manteca - Carpool for 7am-3:30pm Mon-Fri. 209-679-7313, ext. 3-2200

Cupertino Area - Looking for a rider/driver to participate in a carpool. 715am-5:00pm, AWS w/ every other Friday off. I live behind De Anza College in Cupertino. 408-438-1784, ext. 4-4527

Concord - Pleasant Hill - 2 person car-pool from pleasant hill. Flexible work hours. Arrive LNLL 7 a.m. or 8 a.m. Leave LLNL 3:30pm or 4:30pm. 925-360-6897, ext. 2-8001

SERVICES

Interior, exterior painting. Excellent references throughout the Bay Area. Excellent workmanship. 25 yrs. exp. 510-537-7222

SHARED HOUSING

Livermore - Room to rent two miles from LLNL \$700/month utili-ties included. Students ok. Short-term or long-term. Nice clean place. 925-784-7148

TRUCKS & TRAILERS

1972 - GMC pick-up, long bed, factory air, good body, runs great lots of power 209-931-9212

1981 - GMC pickup, 3/4 ton with tow pkg., \$1,500 925-447-4161

1997 - S-10 73K miles, 5 speed, lowered, custom 18-inch wheels, stereo amp, 10-inch subwoofers, new brakes, well maintained, AC needs work, \$4950 925-443-7419

1997 - F150 Lariat 3 dr supercab 4x4. 106k miles. Good shape, recently serviced. New shocks, rear tires, plugs and wires. \$8000 OBO 925-455-8006

1996 - Ford Ranger, XLT, extra cab, bedliner, long bed, cassette. Runs well. Nice work truck. \$5,100.00 OBO 510-537-7222

1972 - Chevy C10 pickup, fleet-side, custom audio/stereo, air sus-pension, new trans, new interior, \$6000 925-462-4022

RV and boat storage available on my property on Greenville Road. 925-580-9016

1994 - Toyota 4-Runner 4 WD. 118,000 miles, in excellent condi-tion. Brother is a mechanic & has done all service. 2nd owner, never driven hard. \$8,000 925-366-9981

1989 - Chevy Blazer, 4X4, over-sized tires, too many extras to list. Runs great. \$5,000. Call 925-813-2596

VACATION RENTALS

Squaw Valley - Thanksgiving week (11/20-27). 1 bedroom timeshare available at Olympic Village Inn. Sleeps 4+, fully furnished, ski & hiking. Reasonable rate. 415-543-3643

SOUTH LAKE TAHOE - 3 Bedroom 2 Bath Chalet, nicely furnished, quiet area, all amenities, Park with Lake, tennis, Great for family vacation. RESERVE NOW FOR HOLIDAYS! 209-599-4644

WANTED

Wedding photographer wanted. Need quality photographer for wedding in Brentwood area 7/06. 925-516-9510

Need service on a Panasonic microwave oven. Need info. on a Bushnell Voyager telescope. 925-735-6002

Wanted-someone to install 750-800 sq. ft of tile, Manteca. 209-649-3771

Looking for small condo or studio to rent in Waikiki area from Dec. 23- Jan 6. Dates are open. 510-537-7222

Dooling tethercars, engines/parts, photos, posters, magazine articles, personal stories/anecdotes past and present. 925-337-5622

Your old unwanted bicycles. I fix them up and sell them at school to help pay for my college tuition. 925-980-1436

Cingular service Motorola flip phone with text message capabili-ty. Thank you. 925-706-2088

Wanted - used WET SUIT, size for teen boy/man, reasonably priced. Please call after 3 p.m. 925-447-4898

Due to space limitations, *Newsline* may withhold ads that have already run. They will still appear on the Web.

HOME

Continued from page 1

generosity of our employees," said Jan Tulk, associate director of Administration and Human Resources.

The campaign will open online donations for hurricane relief Sept. 19-23. These will be onetime only donations that will be deducted from the Oct. 1 paycheck (for monthly paid employees) and Oct. 14 (for bi-weekly).

The Laboratory has set up a special Website featuring capabilities that can or will be put to use in hurricane recovery efforts, at http://www-r.llnl.gov/pao/katrina_effort.html.

Next week the Website will feature a link for employees of family members in the affected areas, who are in need of everything from housing to clothing. Employees who might be able to provide assistance will be encouraged to access the Website. In the meantime, employees who have relatives affected by the disaster and in need of help should contact Tommy Smith at 2-6634.

Employee Assistance helps those affected by disaster

We find ourselves in shock over the devastation, missing persons, and loss of life that resulted from Hurricane Katrina.

If you are in need of support due to the impact of this disaster, the Employee Assistance Program (EAP) is available to help. EAP offers counseling and critical inci-

dent debriefings to Laboratory employees and their family members. After such an impacting event, it can be useful to discuss concerns that arise.

If you would like to make an appointment or receive more information, call the EAP, 3-6609.

Smith also is looking into ways the Laboratory might be able to provide assistance to faculty and researchers at Southern University and other campuses, whose work complements Lab programs.

Earlier this week the Laboratory provided the Department of Homeland Security, Department of Defense, Department of Energy and others a list of Lab capabilities that could be utilized in recovery efforts. The Laboratory has assembled a task force to address ways the Lab can provide assistance through capabilities ranging from communications support to

environmental monitoring, water cleanup and more. Several employees have been asked to remain on standby should their expertise be needed.

Employees who have ideas on ways the Laboratory can provide further technical assistance may contact Christine Hartmann-Siantar at 2-4619 or send an e-mail to hurricane@llnl.gov

In addition to this week's donations through the HOME Campaign, the Lab's personnel staffing service, IAP World Services, has set up an "all employees" campaign to raise funds for the Salvation Army to assist in

their relief efforts for the hurricane victims. IAP will match their employee contributions dollar for dollar.

IAP employees may go online, follow the directions, send in their contributions and then send a copy of the Salvation Army receipt to IAP. Employees may also send checks to the Lab's onsite IAP office at L-505. All contributions will be forwarded to the IAP corporate office on Sept. 15.

Look for more information about the 2005 HOME Campaign, which kicks off Oct. 12, in next week's issue of *Newsline*.

RECOVERY

Continued from page 1

Brockmire and firefighter Ken Rinna, and others were deployed as part of a Federal Emergency Management Agency request for swift water rescue personnel.

In addition, a member of Hazards Control Safety Program, Ron Buckhout, has been deployed to provide medical assistance to evacuees.

During the past week, the division to which the 14-member squad of firefighters from Alameda County fire departments is attached has rescued more than 600 people from homes, businesses and the water, according to LLNL Fire Chief Randy Bradley.

"They feel like they're making a difference, that they're needed and they don't want to come home until the mission is completed," Bradley said.

The firefighters from Alameda County, comprised of firefighters from Livermore-Pleasanton, Fremont, Oakland, Alameda County and LLNL, flew to Lafayette, La. from Travis Air Force Base on Aug. 30. Their search and rescue began shortly after touching down.

Each day Brockmire and Rinna set out on jet skis, donned in protective gear, in search of victims in need of help. Once they find them they assist with evacuation, usually by helicopter.

In an interview with *Newsline* on his cell phone, Brockmire said though there is no way he would have tried to avoid the duty, what he has seen "goes beyond your worst nightmare."

"We're still finding plenty of people out here," Brockmire said. When asked how deep the water remains, he noted "Right now I'm cruising over the top of a stop sign."

Brockmire, a self described "search and rescue geek," says there is "indescribable satisfaction" that comes from "helping these people."

He recalls bumping into the grandson of an 87-year-old invalid woman, whose father stayed behind to be with his mother. Their home was at the edge of the levee near Lake Pontchartrain. The grandson made his way through the floodwaters to seek out help.

"They were on a ridge, high enough to stay reasonably dry but with no way to get the woman out," Brockmire recalls having to "beach" his craft in the middle of what should



Arnie Brockmire



Kenneth Rinna

have been a road and wade through six blocks of "muck" to get her out. He reached the family just as the woman's medications had run out.

"We basically carried her out. The stuff we had to move through and the things we've seen in it are just awful, but when you see someone who needs help you do what needs to be done."

And that's what keeps Brockmire and Rinna going through what have been some long and stressful days. Both could return as early as next Tuesday, but Brockmire says he'd like to stay longer.

According to Bradley, the Alameda County fire officer in charge of the squad has said "his squad is particularly well trained, have great attitudes and that he's honored to lead them through this effort."

Brockmire and Rinna both have received training in urban search and rescue, emergency medicine and swift water rescue.

"They are appreciative of the Lab's management for allowing them the opportunity to use their skills to make rescues and be part of this historic effort," Bradley said. "They feel privileged to participate."

The Lab firefighters and others have been sleeping during the night at the training center of the New Orleans Saints football team. While water, food and security were a concern for them in the first two days, according to Brockmire, those areas haven't been a problem since then.

Brockmire added he is seeing a slow improvement on the flooded streets. "Right now I am going through some of the cleanest water I've seen in the last two weeks," he said.

Many of the victims rescued are in immediate need of medical attention. That's where Buckhout and countless others come in. Buckhout, along with his son Brian, were called up Aug. 28 by FEMA as part of their affiliation

with the National Disaster Medical System; they are members of Disaster Medical Assistance Team (DMAT CA6). Buckhout's wife, Dianne, from the Lab's (ICC) Integrated Computing and Communications Department, Computer Systems Support Division, also received the call, but could not be deployed due to her active military status. (Dianne Buckhout returned from a 2003 tour of duty in Iraq.)

Dianne admits to disappointment in not being able to make the trip.

"When you help someone they don't have to say anything," she explained. "Just the look in their eye — it says so much more. You know you can make a difference that goes beyond things like money or medals. There is a people connection that is priceless."

"Knowing you can save a life is why you want to go."

Ron and Brian have spent the last two weeks providing medical assistance to those stranded in New Orleans, first at the Superdome and then at New Orleans Airport.

"He says it has been a very eye-opening experience for him," said Dianne of her husband. "He said he has seen horrors he could never have imagined taking place in the United States, and that's remarkable because he is a Special Forces Vietnam vet."

Buckhout says the airport has been taking in 2,000 patients a day, "with a wide range of medical needs. They are seeing trauma, broken bones, infection, pre-existing medical problems, bodies being assaulted with germs — it's staggering." They also provide assistance to the (DMORT) Disaster Mortuary Teams.

Both Ron and Brian have been assigned to 12-hour shifts, which often go well beyond the time period intended.

"They are holding up great," said Dianne. She said Ron has been appreciative of his supervisors for allowing him to make the extended trip.

Dianne added that she has been proud of her 22-year-old son. A student of nursing and firefighting at Los Medanos in Pittsburg, this is Brian's first indoctrination into a federal disaster requiring massive assistance.

"This has been a horrendous nightmare and everyone says he is performing exemplary," she said.

Ron and Brian are being demobilized today and are heading home soon.

Steve Wampler contributed to this story.

DIRECTOR'S OFFICE
Continued from page 1

ardship improvements we are making is the adoption of an international environmental management standard called International Organization for Standardization (ISO) 14001. Integration of this standard into ISMS fulfills requirements in the UC-DOE contract for the Laboratory to maintain an environmental management program consistent with DOE-approved parameters. It will help us enhance our role as good stewards of the environment.

Because ISMS utilizes many of the elements central to ISO 14001, we do not expect integration of this standard to have a significant programmatic impact. ISO 14001 uses the continuous improvement model known as "Plan, Do, Check, Act." It fits well with our ISMS system and its cycle for continuous improvement in which we (1) define work, (2) analyze hazards, (3) develop controls, (4) perform the work and (5) obtain feedback and make improvements.

Worldwide, academic, manufacturing and government organizations have been adopting ISO 14001 as an effective management tool to help them analyze, measure, control and minimize potential environmental impacts from their operations.

Within the Department of Energy, Los Alamos National Laboratory and Brookhaven National Laboratory are among the laboratories that have adopted this standard.

(Other Energy Department contractors are adopting a DOE order, 450.1-2.) Many Department of Defense installations and service branches also are turning to ISO 14001 to help them improve their environmental stewardship.

The international standard will introduce new terms into our lexicon. One of these is "environmental aspects." This ISO language refers to any work activity, product or service that interacts with the environment and has the potential of positive or negative impact. Examples of environmental aspects include using electrical energy, fossil fuels, hazardous and radioactive materials, and generating wastes.

We are establishing objectives and targets as goals for the environmental aspects of work performed at the Laboratory as part of our Environmental Management System (EMS). Some of these objectives, such as reducing energy consumption or reducing the amount of paper used in copiers, can be worked on now. Others require more study.

During the past year we have been integrating the ISO environmental management standard into our strategic planning and decision-making processes and into the management of our work activities. We are updating the Integrated Work Sheet (IWS) processes as they relate to the environmental aspects of our operations. We also have revised ISMS descriptions and other ES&H documents as appropriate. In recent weeks, we have begun to define roles and responsibilities and procedures for monitoring our per-

formance as environmental stewards. The Environmental Protection Department is leading this effort, which will be implemented through the existing ES&H structure. The goal is to have the necessary elements of ISO 14001 in place by October, with an external review for self-verification of the standard completed by the end of December. All federal facilities are required by executive order to have environmental management systems in place by that date.

We have been preparing training, initially for all new employees, on EMS and the international standard. We will be rolling out a Labwide communication program soon to heighten employee awareness of EMS and ISO 14001. In this communication campaign, we will be explaining elements of the ISO 14001 and how they integrate with ISMS. And we will be discussing what you can do to meet your environmental stewardship responsibilities.

For now, I encourage you to become familiar with the Laboratory's environmental policy and follow it. You can find the policy on the EMS Website <<http://www-epd.llnl.gov/ems/index.htm>>, where you can obtain more information on the Environmental Management System and ISO 14001. If you have questions about EMS or the standard, contact the environmental analyst assigned to your local ES&H Team.

Bill Bookless is associate director for Safety and Environmental Programs.

FY06 salary program allocations

Salary structure	Merit allocation %
Firefighter Chief (050)	1.60
Security (050)	5.10
S&E's (200s)	3.50
Technical (300s)	3.50
Administrative Management (MGT.1, MGT.2, ESX.0)	3.60
Administrative & Specialist 5 (ADS.5)	1.00
Administrative Services (Axx)	1.00
Legacy Exempt Admin (101 and 102)	
Audit (Bxx)	3.50
Counterintelligence (Kxx)	5.10
Facilities (Nxx)	1.00
Financial Services (Cxx)	2.30
Health & Safety (Pxx)	1.00
HR & Training (Hxx)	2.80
Legal (Dxx)	2.20
MIS / Web (Exx)	2.80
Procurement / Material Distribution (Fxx)	1.80
Publications / Art / Relations (Gxx)	1.30
Security (Jxx)	5.10
Administrative (400s)	1.00
Legacy Non-exempt 100s	
Technical (500s)	1.00
Step structures	
Security (600s Sgt/CAS)	8.20
Facilities (800s)	1.00
Firefighters (600s)	2.80
Machinists (900s)	1.00

All structures will receive a 0.15% promotion allocation. Additionally each directorate will receive an adjustment allocation to address equity issues.

SALARIES
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This year, budget constraints influenced the DOE-approved package. The resulting allocations by structure are linked to the cost-to-market analysis.

The table (see above) outlines the salary program allocations for FY06.

Compensation will hold employee briefing sessions in Bldg. 361, room1140 on the following dates:

- Monday, Sept. 19, noon-1:30 p.m.
- Tuesday, Sept. 20, 7:30-9 a.m.
- Wednesday, Sept. 21, 4-5:30 p.m.

More information on the FY06 Salary Program is available on the Compensation Homepage at <http://www-r.llnl.gov/ahrd/cbwp/compensation/> under Annual Salary Program, FY06_Salary_Program (in order to view/download the files you must have Livelink access).

If you have questions on how this year's program will be implemented within your directorate, contact your supervisor.

NIF update
for Pombo
aide

Aaron Cutler, center, legislative assistant from the office of Congressman Richard Pombo, toured NIF and other areas at the Lab recently. He was accompanied by Ron Cochran, right, and George Miller, left.



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